

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on July 31, 2003  
(Date)

Signature 

"EXPRESS MAIL" Mailing Label No. EU 511306206 US

1. <input checked="" type="checkbox"/> * Fee Transmittal Form <i>(Submit an original and a duplicate for fee processing)</i>	[Total Pages] <u>21</u>
2. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i>	
- Descriptive title of the Invention	
- Cross References to Related Applications	
- Statement Regarding Fed sponsored R&D	
- Reference to Microfiche Appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113)	[Total Sheets] <u>9</u>
4. Oath or Declaration	[Total Pages] <u>2</u>
a. <input type="checkbox"/> Executed (original or copy)	
b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i>	
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	

**ADDRESS TO:**  
Mail Stop Patent Application  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
a. <input type="checkbox"/> Computer Readable Copy
b. <input type="checkbox"/> Paper Copy (identical to computer copy)
c. <input type="checkbox"/> Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	<input type="checkbox"/> Power of Attorney
8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement	<input type="checkbox"/> (when there is an assignee)
9. <input type="checkbox"/> English Translation Document (if applicable)	
10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations
11. <input type="checkbox"/> Preliminary Amendment	
12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i>	
13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	15. <input type="checkbox"/> Other:

**16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:**

Continuation    Divisional.    Continuation-in-part (CIP) of prior application No

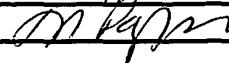
Prior application information: Examiner:

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label      31362 & 22928      or     Correspondence address below

NAME	Corning Incorporated				
ADDRESS	45 Nagog Park				
CITY	Acton	STATE	MA	ZIP CODE	01720
COUNTRY	USA	TELEPHONE	978-635-2289	FAX	(978) 635-2488
Name (Print/Type)	Joanne N. Pappas		Registration No. (Attorney/Agent)	40,117	
Signature			Date	July 31, 2003	

# FEE TRANSMITTAL for FY 2003

**TOTAL AMOUNT OF PAYMENT (\$)** **750.00**

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-3325**

Deposit Account Name **Corning Incorporated**

Charge Any Additional Fees Required  
Under 37 C.F.R. §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1001	750	Utility filing fee	<u>750.00</u>
	1002	330	Design filing fee	—
	1003	520	Plant filing fee	—
	1004	750	Reissue filing fee	—
	1005	160	Provisional filing fee	—

**SUBTOTAL (1)** **(\$)** **750.00**

### 2. EXTRA CLAIM FEES

Extra Fee from Claims below	Fee Paid
Total Claims - 20** = x 18 =	00.00
Independent Claims - 3** = x 84 =	00.00

Multiple Dependent 0 = 0.00

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity	Fee Code	Fee (\$)	Fee Description
	1202	18	Claims in excess of 20
	1201	84	Independent claims in excess of 3
	1203	280	Multiple dependent claim, if not paid
	1204	84	** Reissue independent claims over original patent
	1205	18	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** **(\$)** **00.00**

Complete if Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Bernstein et al
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned

Attorney Docket Number **MA03-004**

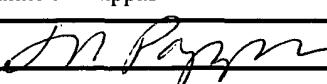
## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130	Surcharge - late filing fee or oath	—
	1052	50	Surcharge - late provisional filing fee or cover sheet	—
	1053	130	Non-English specification	—
	1812	2,520	For filing a request for reexamination	—
	1804	920*	Requesting publication of SIR prior to Examiner action	—
	1805	1,840	Requesting publication of SIR after Examiner action	—
	1251	110	Extension for reply within first month	—
	1252	410	Extension for reply within second month	—
	1253	930	Extension for reply within third month	—
	1254	1,450	Extension for reply within fourth month	—
	1255	1,970	Extension for reply within fifth month	—
	1401	320	Notice of Appeal	—
	1402	320	Filing a brief in support of an appeal	—
	1403	280	Request for oral hearing	—
	1451	1,510	Petition to institute a public use proceeding	—
	1452	110	Petition to revive - unavoidable	—
	1453	1,300	Petition to revive - unintentional	—
	1501	1,300	Utility issue fee (or reissue)	—
	1502	470	Design issue fee	—
	1503	630	Plant issue fee	—
	1460	130	Petitions to the Commissioner	—
	1807	50	Petitions related to provisional applications	—
	1806	180	Submission of Information Disclosure Stmt	—
	8021	40	Recording each patent assignment per property (times number of properties)	—
	1809	750	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	—
	1810	750	For each additional invention to be examined (37 C.F.R. § 1.129(b))	—
	1801	750	Request for Continued Examination (RCE)	—
	1802	900	Request for expedited examination of a design application	—

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** **(\$)**

SUBMITTED BY		Completed (if applicable)	
Name (Print/Type)	Joanne N. Pappas	Registration No. (Attorney/Agent)	40,117
Signature		Date	7-31-03